

Table 7.2a Electricity Net Generation: Total (All Sectors)

(Sum of Tables 7.2b and 7.2c; Million Kilowatthours)

| | Fossil Fuels | | | | Nuclear Electric Power | Hydro-electric Pumped Storage ^e | Renewable Energy | | | | | | | Total ^j |
|-------------------------------|-------------------|------------------------|--------------------------|--------------------------|------------------------|--|--|-------------------|--------------------|-------------|--------------------|---------|-----------|--------------------|
| | Coal ^a | Petroleum ^b | Natural Gas ^c | Other Gases ^d | | | Conventional Hydro-electric Power ^f | Biomass | | Geo-thermal | Solar ⁱ | Wind | | |
| | | | | | | | | Wood ^g | Waste ^h | | | | | |
| 1950 Total | 154,520 | 33,734 | 44,559 | NA | 0 | {f} | 100,885 | 390 | NA | NA | NA | NA | 334,088 | |
| 1955 Total | 301,363 | 37,138 | 95,285 | NA | 0 | {f} | 116,236 | 276 | NA | NA | NA | NA | 550,299 | |
| 1960 Total | 403,067 | 47,987 | 157,970 | NA | 518 | {f} | 149,440 | 140 | NA | 33 | NA | NA | 759,156 | |
| 1965 Total | 570,926 | 64,801 | 221,559 | NA | 3,657 | {f} | 196,984 | 269 | NA | 189 | NA | NA | 1,058,386 | |
| 1970 Total | 704,394 | 184,183 | 372,890 | NA | 21,804 | {f} | 250,957 | 136 | 220 | 525 | NA | NA | 1,535,111 | |
| 1975 Total | 852,786 | 289,095 | 299,778 | NA | 172,505 | {f} | 303,153 | 18 | 174 | 3,246 | NA | NA | 1,920,755 | |
| 1980 Total | 1,161,562 | 245,994 | 346,240 | NA | 251,116 | {f} | 279,182 | 275 | 158 | 5,073 | NA | NA | 2,289,600 | |
| 1985 Total | 1,402,128 | 100,202 | 291,946 | NA | 383,691 | {f} | 284,311 | 743 | 640 | 9,325 | 11 | 6 | 2,473,002 | |
| 1990 Total ^k | 1,594,011 | 126,460 | 372,765 | 10,383 | 576,862 | -3,508 | 292,866 | 32,522 | 13,260 | 15,434 | 367 | 2,789 | 3,037,827 | |
| 1995 Total | 1,709,426 | 74,554 | 496,058 | 13,870 | 673,402 | -2,725 | 310,833 | 36,521 | 20,405 | 13,378 | 497 | 3,164 | 3,353,487 | |
| 2000 Total | 1,966,265 | 111,221 | 601,038 | 13,955 | 753,893 | -5,539 | 275,573 | 37,595 | 23,131 | 14,093 | 493 | 5,593 | 3,802,105 | |
| 2005 Total | 2,012,873 | 122,225 | 760,960 | 13,464 | 781,986 | -6,558 | 270,321 | 38,856 | 15,420 | 14,692 | 550 | 17,811 | 4,055,423 | |
| 2006 Total | 1,990,511 | 64,166 | 816,441 | 14,177 | 787,219 | -6,558 | 289,246 | 38,762 | 16,099 | 14,568 | 508 | 26,589 | 4,064,702 | |
| 2007 Total | 2,016,456 | 65,739 | 896,590 | 13,453 | 806,425 | -6,896 | 247,510 | 39,014 | 16,525 | 14,637 | 612 | 34,450 | 4,156,745 | |
| 2008 Total | 1,985,801 | 46,243 | 882,981 | 11,707 | 806,208 | -6,288 | 254,831 | 37,300 | 17,734 | 14,840 | 864 | 55,363 | 4,119,388 | |
| 2009 Total | 1,755,904 | 38,937 | 920,979 | 10,632 | 798,855 | -4,627 | 273,445 | 36,050 | 18,443 | 15,009 | 891 | 73,886 | 3,950,331 | |
| 2010 Total | 1,847,290 | 37,061 | 987,697 | 11,313 | 806,968 | -5,501 | 260,203 | 37,172 | 18,917 | 15,219 | 1,212 | 94,652 | 4,125,060 | |
| 2011 Total | 1,733,430 | 30,182 | 1,013,689 | 11,566 | 790,204 | -6,421 | 319,355 | 37,449 | 19,222 | 15,316 | 1,818 | 120,177 | 4,100,141 | |
| 2012 Total | 1,514,043 | 23,190 | 1,225,894 | 11,898 | 769,331 | -4,950 | 276,240 | 37,799 | 19,823 | 15,562 | 4,327 | 140,822 | 4,047,765 | |
| 2013 Total | 1,581,115 | 27,164 | 1,124,836 | 12,853 | 789,016 | -4,681 | 268,565 | 40,028 | 20,830 | 15,775 | 9,036 | 167,840 | 4,065,964 | |
| 2014 Total | 1,581,710 | 30,232 | 1,126,609 | 12,022 | 797,166 | -6,174 | 259,367 | 42,340 | 21,650 | 15,877 | 17,691 | 181,655 | 4,093,606 | |
| 2015 Total | 1,352,398 | 28,249 | 1,333,482 | 13,117 | 797,178 | -5,091 | 249,080 | 41,929 | 21,703 | 15,918 | 24,893 | 190,719 | 4,077,601 | |
| 2016 Total | 1,239,149 | 24,205 | 1,378,307 | 12,807 | 805,694 | -6,686 | 267,812 | 40,947 | 21,813 | 15,826 | 36,054 | 226,993 | 4,076,675 | |
| 2017 Total | 1,205,835 | 21,390 | 1,296,442 | 12,469 | 804,950 | -6,495 | 300,333 | 41,124 | 21,610 | 15,927 | 53,287 | 254,303 | 4,034,271 | |
| 2018 Total | 1,149,487 | 25,226 | 1,469,133 | 13,463 | 807,084 | -5,905 | 292,524 | 40,936 | 20,896 | 15,967 | 63,825 | 272,667 | 4,178,277 | |
| 2019 Total | 964,957 | 18,341 | 1,585,814 | 12,591 | 809,409 | -5,261 | 287,874 | 38,543 | 18,964 | 15,473 | 71,937 | 295,882 | 4,127,855 | |
| 2020 January | 65,140 | 1,548 | 135,916 | 1,155 | 74,170 | -377 | 24,498 | 3,325 | 1,654 | 1,148 | 4,459 | 28,121 | 341,850 | |
| February | 56,201 | 1,289 | 127,871 | 1,152 | 65,911 | -247 | 25,868 | 3,119 | 1,512 | 1,230 | 5,561 | 29,110 | 319,550 | |
| March | 50,731 | 1,395 | 125,905 | 1,047 | 63,997 | -353 | 23,823 | 3,169 | 1,647 | 1,465 | 6,350 | 29,320 | 309,587 | |
| April | 40,675 | 1,239 | 110,301 | 802 | 59,170 | -325 | 23,194 | 2,844 | 1,558 | 1,379 | 7,921 | 29,752 | 279,583 | |
| May | 46,527 | 1,301 | 116,943 | 884 | 64,338 | -367 | 29,976 | 2,918 | 1,590 | 1,362 | 9,653 | 28,378 | 304,593 | |
| June | 65,283 | 1,618 | 142,833 | 867 | 67,205 | -499 | 27,999 | 2,823 | 1,456 | 1,274 | 9,654 | 30,212 | 351,745 | |
| July | 89,709 | 1,751 | 181,260 | 937 | 69,385 | -686 | 26,742 | 3,021 | 1,541 | 1,331 | 10,610 | 22,866 | 409,562 | |
| August | 91,145 | 1,674 | 173,390 | 1,094 | 68,982 | -784 | 23,284 | 3,159 | 1,561 | 1,323 | 9,315 | 23,029 | 398,280 | |
| September | 68,407 | 1,194 | 141,164 | 1,013 | 65,727 | -525 | 18,679 | 2,894 | 1,483 | 1,288 | 7,732 | 23,186 | 333,258 | |
| October | 59,805 | 1,227 | 131,242 | 918 | 59,362 | -423 | 18,810 | 2,839 | 1,489 | 1,288 | 7,085 | 28,823 | 313,531 | |
| November | 61,182 | 1,412 | 109,658 | 950 | 61,760 | -369 | 20,893 | 2,951 | 1,453 | 1,399 | 5,767 | 33,129 | 301,250 | |
| December | 78,588 | 1,691 | 127,685 | 999 | 69,871 | -368 | 21,508 | 3,149 | 1,549 | 1,403 | 5,091 | 32,011 | 344,346 | |
| Total | 773,393 | 17,341 | 1,624,167 | 11,818 | 789,879 | -5,321 | 285,274 | 36,210 | 18,493 | 15,890 | 89,199 | 337,938 | 4,007,135 | |
| 2021 January | 81,483 | 1,603 | 125,960 | 1,077 | 71,732 | -424 | 25,814 | 3,273 | 1,624 | 1,372 | 5,726 | 30,452 | 350,796 | |
| February | 87,849 | 2,408 | 111,111 | 846 | 62,954 | -425 | 21,624 | 2,917 | 1,425 | 1,315 | 6,413 | 26,870 | 326,223 | |
| March | 62,037 | 1,436 | 106,565 | 854 | 63,708 | -236 | 21,574 | 3,207 | 1,615 | 1,249 | 9,272 | 39,944 | 312,285 | |
| April | 53,989 | 1,145 | 106,920 | 855 | 57,092 | -197 | 19,201 | 2,714 | 1,520 | 1,295 | 10,830 | 36,179 | 292,504 | |
| May | 63,900 | 1,312 | 114,131 | 886 | 63,394 | -416 | 22,795 | 3,077 | 1,567 | 1,366 | 12,292 | 33,555 | 318,859 | |
| June | 87,356 | 1,306 | 148,843 | 932 | 66,070 | -376 | 24,075 | 3,174 | 1,505 | 1,414 | 11,841 | 26,611 | 373,754 | |
| July | 101,600 | 1,512 | 169,663 | 1,010 | 68,832 | -685 | 22,113 | 3,280 | 1,528 | 1,395 | 11,915 | 21,540 | 404,749 | |
| August | 101,923 | 1,916 | 172,859 | 1,028 | 69,471 | -670 | 20,954 | 3,370 | 1,509 | 1,362 | 11,813 | 26,783 | 413,353 | |
| September | 78,891 | 1,546 | 138,062 | 982 | 64,484 | -434 | 17,966 | 3,101 | 1,483 | 1,359 | 11,106 | 28,676 | 348,201 | |
| October | 62,614 | 1,498 | 131,490 | 1,048 | 56,945 | -427 | 17,999 | 3,010 | 1,490 | 1,310 | 9,243 | 32,440 | 319,638 | |
| November | 57,160 | 1,623 | 122,458 | 877 | 62,749 | -377 | 20,460 | 2,858 | 1,446 | 1,347 | 7,874 | 36,043 | 315,495 | |
| December | 59,878 | 1,477 | 127,169 | 889 | 70,720 | -445 | 25,650 | 3,189 | 1,598 | 1,454 | 6,355 | 40,676 | 339,684 | |
| Total | 898,679 | 18,782 | 1,575,230 | 11,283 | 778,152 | -5,112 | 260,225 | 37,170 | 18,309 | 16,238 | 114,678 | 379,767 | 4,115,540 | |
| 2022 January | 87,506 | 3,785 | 136,317 | 971 | 70,577 | -493 | 27,017 | 3,084 | 1,489 | 1,500 | 8,004 | 38,194 | 378,967 | |
| February | 70,762 | 1,605 | 115,615 | 832 | 61,862 | -412 | 23,670 | 2,992 | 1,336 | 1,250 | 9,203 | 38,162 | 327,767 | |
| 2-Month Total | 158,267 | 5,390 | 251,932 | 1,804 | 132,439 | -906 | 50,687 | 6,076 | 2,825 | 2,750 | 17,206 | 76,356 | 706,734 | |
| 2021 2-Month Total | 169,331 | 4,010 | 237,070 | 1,923 | 134,687 | -849 | 47,438 | 6,189 | 3,049 | 2,686 | 12,138 | 57,322 | 677,019 | |
| 2020 2-Month Total | 121,341 | 2,838 | 263,787 | 2,307 | 140,080 | -623 | 50,366 | 6,443 | 3,166 | 2,378 | 10,020 | 57,232 | 661,400 | |

^a Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and coal synfuel.

^b Distillate fuel oil, residual fuel oil, petroleum coke, jet fuel, kerosene, other petroleum, waste oil, and, beginning in 2011, propane.

^c Natural gas, plus a small amount of supplemental gaseous fuels.

^d Blast furnace gas, and other manufactured and waste gases derived from fossil fuels. Through 2010, also includes propane gas.

^e Pumped storage facility production minus energy used for pumping.

^f Through 1989, hydroelectric pumped storage is included in "Conventional Hydroelectric Power."

^g Wood and wood-derived fuels.

^h Municipal solid waste from biogenic sources, landfill gas, sludge waste, agricultural byproducts, and other biomass. Through 2000, also includes non-renewable waste (municipal solid waste from non-biogenic sources, and tire-derived fuels).

ⁱ Electricity net generation from solar thermal and photovoltaic (PV) energy at utility-scale facilities. Does not include small-scale solar photovoltaic generation.

See Table 10.6.

^j Includes batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, miscellaneous technologies, and, beginning in 2001, non-renewable waste (municipal solid waste from non-biogenic sources, and tire-derived fuels).

^k Through 1988, all data except hydroelectric are for electric utilities only; hydroelectric data through 1988 include industrial plants as well as electric utilities. Beginning in 1989, data are for electric utilities, independent power producers, commercial plants, and industrial plants.

NA=Not available.

Notes: • Data are for utility-scale facilities. See Note 1, "Coverage of Electricity Statistics," at end of section. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 states and the District of Columbia.

Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#electricity> (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

Sources: See end of section, "Table 7.2b Sources" and "Table 7.2c Sources."